

09/509449

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

416 R PCT/PTO 28 MAR 2000

Applicant: AOYAG  
 Docket: 594.352USWO  
 Title: METHOD OF MEASUREMENT OF HEPATITIS C VIRUS

## CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL 415888455US

Date of Deposit: March 28, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: *Linda McCormick*  
 Name: Linda McCormick

BOX PCT  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 36 pgs; 7 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 2 sheets of formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to Advanced Life Science Institute, Inc., Recordation Form Cover Sheet
- ☒ A check in the amount of \$840.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Computer readable form of Sequence Listing. Applicants state that the paper copy form of the Sequence Listing section of the present application, and the computer readable form submitted herewith, are the same.
- ☒ Other: Preliminary Amendment; Information Disclosure Statement; Form 1449; 3 references; International Search Report, prepared by JPO dated Oct. 4, 1999; Cover page of PCT/JP99/04129; Notice Informing the Applicant of the Communication of the Int'l Application to the Designated Offices; PCT Request; Notification of the Recording of a Change; Receipt in the Case of an Original Deposit for deposition numbers FERM BP-6002, BP-6003, BP-6004, BP-6005, BP-6006, BP-6782; Submission of Sequence Listing
- ☒ Return postcard

## CLAIMS AS FILED

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
Basic Filing Fee								\$840.00.00
Total Claims								
7	-	20	=	0	x	0.00	=	\$0.00
Independent Claims								
1	-	3	=	0	x	0.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								\$840.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

By: *Curtis B. Hamre*  
 Name: Curtis B. Hamre  
 Reg. No.: 29,165  
 Initials: CBH:jjw

(PTO TRANSMITTAL - NEW FILING)

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FORM PTO-1390  
(REV 10-94)

DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

594.352USWO

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51)  
Unknown 09/509449

INTERNATIONAL APPLICATION NO.

PCT/JP99/04129

INTERNATIONAL FILING DATE

July 30, 1999

PRIORITY DATE CLAIMED

July 30, 1998

TITLE OF INVENTION

METHOD OF MEASUREMENT OF HEPATITIS C VIRUS

APPLICANT(S) FOR DO/EO/US

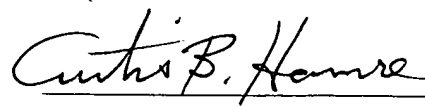
AOYAGI, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern document(s) or information included:
  11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information: Computer readable form and paper copy of Sequence Listing and Statement; Receipt in the Case of Original Deposit for deposition numbers FERM BP-6002, BP-6003, BP-6004, BP-6005, BP-6006, BP-6782; Submission of Sequence Listing; Cover page of PCT application PCT/JP99/04129; Notice Informing the Applicant of the Communication of the International Application to the Designated Offices; PCT Request; Notification for the Recording of a Change; International Search Report; 3 references

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U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>09/509449</b>		INTERNATIONAL APPLICATION NO. PCT/JP99/04129		ATTORNEY'S DOCKET NUMBER 5 ) 2USWO	
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$970.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$840.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$760.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$670.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$96.00				<b>CALCULATIONS</b> PTO USE ONLY	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$840.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	7 -20 =		X \$18.00	\$	
Independent claims	1 -3 =		X \$78.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$840.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				\$840.00	
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =				\$840.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$40.00
TOTAL FEES ENCLOSED =				\$880.00	
				Amount to be:	
				refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> Check(s) in the amount of \$840.00 and \$40.00 to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u> .					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Curtis B. Hamre MERCHANT & GOULD P.C. P.O. Box 2903 Minneapolis, MN 55402-0903					
				 SIGNATURE: _____ NAME: <u>Curtis B. Hamre</u>	
				<u>29,165</u> REGISTRATION NUMBER	